E. A. Bond,

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[FIC HT 58]

Tunnel Excavation East of Central Shaft

128 37	827.52	
128 21	827.52	
128 07	827.52	
127 83	827.52	
127 75	827.52	
127 46	827.52	
127 21	827.52	
127 00	827.52	
126 75	827.52	
126 50	827.52	
126 25	827.52	
126 22	827.52	
126 00	827.410	849.910
125 75	827.285	849.185
125 50	827.160	848.510
125 25	827.035	848.160
125 00	826.910	848.412
124 75	826.785	848 743
124 50	826.660	847. 886
124 25	826.535	848.431
124 00	826.410	849.490
123 75	826.285	849.656
123 50	826.160	850.007
123 25	826. 035	848.233

Stations Floor Roof of Tl

Stations	Floor	Roof of H.
123 00	825.910	849.011
122 75	825.785	849.390
122 50	825.660	849.571
122 25	825.535	848.786
122 00	825.410	848.975
121 75	825.285	849.323
121 50	825.160	849.534
121 25	825.035	849.429
121 00	824.910	848.815
120 75	824.785	848.199
120 50	824.660	848.735
120 25	824.535	848.083
120 00	824.410	848.333
119 75	824.285	848.036
119 50	824.160	847.575
119 25	824.035	847.420
119 00	823.910	
118 75	823.785	
118 50	823 660	
118 25	823.535	
118 00	823.410	
117 75	823.285	
117 50	823.160	
117 25	823.035	

11700	822.910		
11675	822.785		
11650	822.660		
11625	822.535		
11600	822.410		
11575	822.285		
11550	822.160	842.339	
11525	822.035	841.598	
11500	821.910	840.959	0.5/10
11475	821.785	840.299	1.
11450	821.660	839.660	1.4/10
11425	821.535	840.282	0.7/10
11400	821.410	840.011	0.9/10
11375	821.285	839.479	1.3/10
11350	821.160	842.306	
11325	821.035	842.384	
11300	820.910	840.929	
11274	820.780		
11250	820.660		
11225	820.535		
11200	820.410		
11175	820.285		
11150	820.160		
11125	820.035		

11100	819.910
11075	819.785
11050	819.660
11025	819.535
11000	819.410
10975	819.285
10950	819.160
10925	819.035
10900	818.910

Excavation West of Central Shaft

Stations	Floor Grade	Roof of Hy.	
12194	827.877		
12178	827.877	848.820	
12164	827.877	849.620	
12151	827.877		
12150	827.872	848.415	
12125	827.747	848.790	
12100	827.622	848.665	
12079.6			
12075	827.497	848.840	847.497
12050	827.372	848.215	827.372
12025	827.247	847.890	827.247
12000	827.122	848.265	827.122
11975	826.997	847.240	826.997
11950	826.872	848.415	826.872
11925	826.747	848 290	826.747
11900	826.622	849.165	826.622
11875	826.497	848.340	826.497
11850	826.372	838.700	826.372
11825	826.247	846.655	826.247
11800	826.122	846.935	826.122
11775	825.997	845.882	825.997
11750	825 872	845.272	825.872
11725	825 747	846.023	825.747
11700	825.622	844.915	825.622

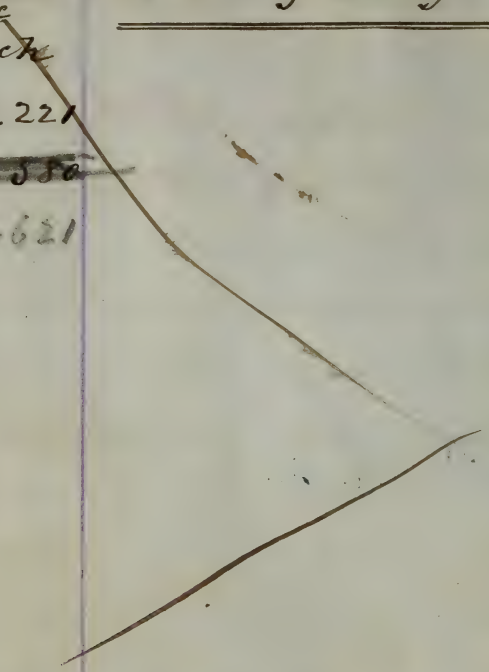
Stations	Floor Grade	Roof of Headg	
11675	825 497	838. 823	825. 497
11650	825. 372	838. 027	825. 372
11625	825. 247	838. 145	825. 247
11600	825 122	839. 012	825 122
11575	824. 997	837. 818	824. 997
11550	824. 872	838. 549	824 872
11525	824 747	838 539	824. 747
11500	824. 622	838. 795	824. 622
11475	824. 497	839. 606	824. 497
11450	824. 372	838. 604	824. 372
11425	824. 247	839. 503	824. 247
11400	824. 122	839. 001	824. 122
11375	823. 997	839. 047	823 997
11350	823. 872	838. 343	823. 872
11325	823. 747	838. 953	823. 747
11300	823. 622	838. 335	823. 622
11275	823. 497	838. 695	823. 497
11250	823. 372	838. 921	823. 372
11225	823. 247	839. 274	823. 247
11200	823. 122	838. 760	823. 122
11175	822. 997	839. 303	822. 997
11150	822. 872	840. 893	842. 872
11125	822 747	838. 633	842. 747

Stations	Floor Grade	Roof of Head 9		
111 00	822.622	839.051	842.622	
110 75	822.497	839.466	842.497	
110 50	822.372	838.488	842.372	
110 25	822.247	839.638	842 247	
110 00	822.122	840.404	842.122	
109 75	821.997	843.164	841.997	− 1.167
109 50	821.872	843.319	841.872	− 1.447
109 25	821.747	840.669	841.747	− 1.078
109 00	821 622	840.804	841 622	− 0.818
108 75	821 497	840.724	841 497	− 0.773
108 50	821 372	840 952	841 372	− 0 420
108 25	821 247	840.026	841.247	− 1.221
108 00	821.122	842.278	841.122	+ 1.156
107 75	820.997	840.742	840.997	− 0.255
107 50	820 872	844.109	840.872	+ 3.237
107 25	820747	842.981	840.747	+ 2.234
107 00	820 622	841.649	840 622	+ 1.027
106 75	820 497	842.021	840.497	+ 1.524
106 50	820 372	840 957	840.372	+ 0.585
106 25	820.247	841.559	840.247	+ 1.312
106 00	820.122	841.867	840 122	+ 1.745
105 75	819.997	841.531	839.997	+ 1.534
105 50	819. 872	840.638	839. 872	+ 0.766
105 25	819. 747	839. 622	839. 747	− 0.125

Stations	Flow Grade	Ext. of Head			
10500	819.622	840.519	839.622	+0.897	6"
10475	819.497	840.750	839.497	+0.983	6"
10450	819.372	839.941	839.372	+0.569	3"
10425	819.247	839.984	839.247	+0.737	
10400	819.122	840.790	839.122	+1.668	
10375	818.997	840.528	818.997		
10350	818.872	839.578	818.872		
10325	818.747	843.810	818.747		
10300	818.622		818.622		
10275	818.497		818.497		
10250	818.372		818.372		
10225	818.247		818.247		
10200	818.122		818.122		
10175	817.997		817.997		
10150	817.872				
10125	817.747		817.747		
10100	817.622		817.622		

East of Shaft

Station	Elevation of Bench
1152-5	
~~10989~~	824.221
~~11525~~	~~821.380~~
12291	827.621



West of Shaft

Station	Elevation of Bench
10400	820.184
10630	821.842
10900	822.743
11710 (3)	826.556
11050	825.073
11875 (2)	827.023
12039 (1)	829.010

Fisher's Bench

100 818.940

– Rise of Grade –

100 ft. as per Foot

Sta	Rise	Sta	Rise	Sta	Rise	Sta	Rise
1	0005	26		51		76	
2	0.010	27		52		77	
3	0.015	28		53		78	
4	0.020	29		54		79	
5	0.025	30		55		80	
6	0.030	31		56		81	
7	0.035	32		57		82	
8	0.040	33		58		83	
9	0.045	34		59		84	
10	0.050	35		60		85	
11	0.055	36		61		86	
12	0.060	37		62		87	
13	0.065	38		63		88	
14	0.070	39		64		89	
15	0.075	40		65		90	
16		41		66		91	
17	0.080	42		67		92	
18		43		68		93	
19	0.	44		69		94	
20	0.	45		70		95	
21	0.	46		71		96	
22	0.	47		72		97	
23	0.	48		73		98	
24		49		74		99	
25		50		75		100	0.500